

**ARG20826**  
anti-CD5 antibody [B19.1] (PE)Package: 100 µg  
Store at: 4°C

### Summary

Product Description	PE-conjugated Rat Monoclonal antibody [B19.1] recognizes CD5
Tested Reactivity	Ms
Tested Application	FACS, WB
Specificity	Mouse CD5.
Host	Rat
Clonality	Monoclonal
Clone	B19.1
Isotype	IgG2a, kappa
Target Name	CD5
Species	Mouse
Conjugation	PE
Alternate Names	CD antigen CD5; Lymphocyte antigen T1/Leu-1; LEU1; T-cell surface glycoprotein CD5; T1

### Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Buffer	PBS, 0.1% Sodium azide and Sucrose.
Preservative	0.1% Sodium azide
Stabilizer	Sucrose
Concentration	0.1 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

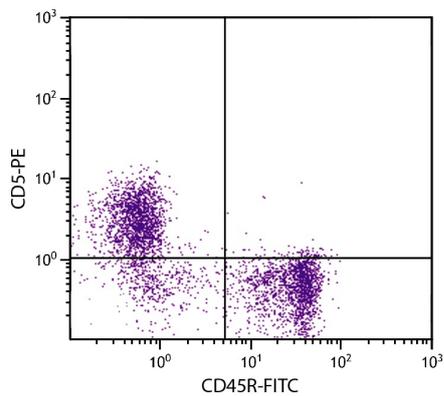
## Bioinformation

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Database links	<a href="#">GeneID: 12507 Mouse</a> <a href="#">Swiss-port # P13379 Mouse</a>
Gene Symbol	CD5
Gene Full Name	CD5 antigen
Function	May act as a receptor in regulating T-cell proliferation. [UniProt]
Calculated Mw	55 kDa
PTM	Phosphorylated on tyrosine residues by LYN; this creates binding sites for PTPN6/SHP-1.

## Images

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ARG20826 anti-CD5 antibody [B19.1] (PE) FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG20826 anti-CD5 antibody [B19.1] (PE) and ARG65532 anti-CD45R / B220 antibody [RA3-6B2] (FITC).